

L 47241-66 EWP(t)/ETI IJP(c) JH/JD

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JULASZ, Adam, Metallurgical Engineer, Orban, Ferenc Research Engineer, and MATULA, Miklos, Physicist,

ORG: none

"Investigation of the Chemical Composition and Structure of Sodium Aluminum Silicates and Reduction of the Caustic-Soda Losses in the Bayer Process"

Budapest, Kohászati Lapok, Vol 99, No 6, Jun 1966, pp 276-280.

**Abstract:** This article is a continuation of a previous paper for which, however, no bibliographic reference has been cited. The formation mechanism of sodium aluminum silicate has been discussed on the basis of purely chemical analyses and the behavior of the sodium aluminum silicate in aluminate solutions has been investigated with the aim of utilizing the data obtained for reducing the losses of the alumina-manufacturing process according to the Bayer technique. The  $SiO_2$  is thought to be present in a complex form; the solubility of the crystalline sodium aluminum silicate is in an inverse relation to the strength increase of the crystal lattice. Orig. art. has: 1 figure, 13 formulas and 1 table. [JPRS: 36,867]

**TOPIC TAGS:** aluminum silicate, silicon dioxide, sodium hydroxide

**SUB CODE:** 07 / **SUBM DATE:** none / **SOV REF:** 010

Card 1/1 *gl*

UDC: 546.284.541.81669-712.111.2

JUHASZ, Andor

What is known about automobiles? Auto motor 16 no.19:9 6 0 '63.

JUHASZ, Andor

Where are the graduates of the school of the automotive  
industry employed? Auto motor 16 no.23:7 6 D'63

JUHASZ, Andras, geologusmernok

Geological presentation of the eastern part of the Borsod coal basin. Bany lap 94 no.9:619-634 S '61.

1. Borsodi Szenbanyaszati Troszt, Miskolc,

JUHASZ, Andras, geologist

What is the depth of coal mines administered by the Coal Mining Trust of Borsod? Borsod azemle 6 no.2:11-14 '62.

1. Borsodi Szenbanyaszati Troszt.

JUHASZ, Andras, elektrotechnikus

Radio operators are speaking. Radiotechnika 13 no.9:355 S '63.

JUHASZ, Andras

Hydrogeological conditions of the Szelesakna openwork.  
(Sajo Valley). Hidrologiai közlony 38 no.4: 302-309, 1958.

BORBELY, Sandor; JUHASZ, Andras

Mineral water occurrence at Edeleny and results of its  
analysis. Hidrologiai kozlony 41 no.5:383-386 0'61



UJVARI, Pal (Budapest); JUHÁSZ, Antal (Szeged)

Forum of innovators. Ujit lap 12 no.18:30 25 s '60.

1. Fovarosi Gazmuvek ujitasi eloadoja (for Ujvari).

JUHASZ, Antal, dr., Forvos

What should we know about preliminary disability tests? Vasut  
14 no.12:14 D '64.

JUHASZ, Arpad

Petrological investigation of paleozoic magmata of the Balaton  
Uplands. Foldt kozl 90 no.2:157-171 Ap-Je '60. (KEAI 10:2)  
(Hungary--Geology)

JUHASZ, Arpad

Origin of quartz porphyry substance of the ~~Permian~~ sandstone  
of the Balaton Highlands. Foldt kozl 42 no.2:160-173 Ap-Je '62.

JUHASZ, Arpad

Carinthian regions. Elet tdd 19 no.19:886-891

8 My'64

JUHASZ, Arpad

From Semmering to Graz. Klet tud 19 no.5: 216-221 31 Ja'64.

JUHÁSZ, Arpad

Geologic data on the deep layers in the northern part of the  
Duna-Tisza region. Földt. közl. 84 no.2:184-194. Ap-66. 104.

JUHASZ, Arpad

Comparative analysis of quartz porphyry rocks in the Rudabanya  
Mountains. Foldt kozl 94 no.3:321-326 J1-S '64.



JUHASZ, Arpad

Crystals, the beauties of the inorganic world. Elot tud 19  
no.43:2033-2037 23 0 '64.

JUHASZ, B.

BALINT, P.; JUHASZ, B.; PETHES, G.

Photometric determination of hemoglobin and methemoglobin, and  
a useful way to calibrate laboratory hemoglobinometers. Kiserletes  
orvostud. 2 no.1:65-68 '50. (CML 19:2)

1. Veterinary Institute of General Physiology at Magyar Agricultural  
University

C. A. JUHASZ, B.

11B

A new biological reaction for the diagnosis of pregnancy in mares. Juhász János and László Dósa (Univ. Agr. Sci., Budapest) *Magyar Állatorvosok Lapja* 9, 74 (1954).  
-One part plasma is treated with 3-4 parts  $H_2O_2$ , shaken for 5-10 min., filtered, and filtrate stored overnight at room temp. or kept at  $40^\circ$  for 3-4 hrs. until no  $H_2O_2$  smell is perceptible. Five to 6 ml. of the liquid is injected subcutaneously into male frogs of 60-120 g. wt., frogs are kept at room temp. in darkness for 3-4 hrs., and urine samples examined for sperm. The  $H_2O_2$  ext. of plasma can be stored in the cold for 10-12 days. This pregnancy test can be applied in the first 100-120 days of pregnancy in mares.  
István Fülöp

JUHASZ, B. 1951

(Physiol Inst. of der Tierar\_tl. Hochschule, Budapest)

"Behavior of the Fluid Spaces in Haemorrhagic Shock."

Acta Physiol.(Budapest), 1951 2/1 suppl (28-29)

No abst. in Exc. Med.

MESTER, Z.,dr.,; FOTI, M.dr.,; JUHASZ, B.,dr.

Rhythmic function of the Oddi's sphincter and the bile duct  
peristalsis. Orv. hetil. 96 no.14:374-378 3 Apr 55.

1. A Fovaros Koranyi Korhaza Sebesseti osztalyanak (foorvos: prof.  
Klimko Dezso dr.) es rtg. osztalyanak (foorvos: Foti Mihaly dr.)  
koslemenye.

(BILE DUCT, COMMON, physiology  
peristalsis, rhythmical funct. of Oddi's sphincter)

Sec.2 Vol.10/11 Phy.Biochem. Nov 57  
 JUHÁSZ B.

4708. JUHÁSZ B. "Az acetone és acetecétsav kimutatása a vizeletből. Detection of acetone and acetoacetic acid in urine KISÉRL. ORVOSTUD. 1956, 8/2 (215-216)

Rothera's test is too sensitive. It needs as little as 3-5 mg. per 100 ml. of acetone-acetic acid or 10 mg. per 100 ml. of acetone for a positive result. On the other hand, according to Nash et al., clinical ketosis is very seldom seen below a concentration in the urine of 50 mg. per 100 ml. A powder composed of 2.5 g. of Na nitroprusside, 70.0 g. of di-Na phosphate (+2H<sub>2</sub>O), 12.3 g. of glycine, 13.0 g. of lactose and 2.0 g. of anhydrous Na<sub>2</sub>CO<sub>3</sub> can be used for a colour test: 2 drops of undiluted urine are added to 0.3 g. of this powder mixture. The test is negative if the powder (or compressed tablets thereof) assumes a cream colour. At a concentration of 25 mg. per 100 ml. the colour turns magenta-brown and above this concentration reddish purple. This colour reaction is specific and is completed within 2 min.

Kálmán - Amsterdam

MESTER, Zoltan, dr.; JUHASZ, Balazs

Effects of neurosurgery on the tonus of the bile ducts long  
after intervention. *Magy. sebesszet* 10 no.1:29-34 Mar 57.

1. A Koranyi-korhas Sebesszeti Osztalyanak (Foorvos: Klinko, P.,  
dr. egy. tanar), az Allatorvosi Foiskola Eletteni Intezetanak  
(Igasgato: Kemeny, A., dr., egy. tanar) kozlemenye.

(BILE DUCTS, surg.

exper. neurectomies in dogs, eff. on bile duct tonus  
long after surg. (Hun))

JUHASZ, B.; GERTNER, M.; SZEORDI, B.; MESTER, Z.

Effects of some ganglionic blocking agents and substances with nervous system effect on the biliary tract. Acta physiol. hung. 11(Suppl):64-65 1957.

1. Physiologisches Institut der Agrarwissenschaftlichen Universitat, Budapest.

(HEXAMETHONIUM COMPOUNDS, eff.

on biliary tract in dogs (Ger))

(TETRAETHYLAMMONIUM, eff.

bromide, on biliary tract in dogs (Ger))

(MAGNESIUM SULFATE, eff.

on biliary tract in dogs (Ger))

(CHLORPROMAZINE, eff.

same)

(CURARE, eff.

tubocurarine, on biliary tract in dogs (Ger))

(BILIARY TRACT, eff. of drugs on

chlorpromazine, hexamethonium, magnesium sulfate,

tetraethylammonium bromide & tubocurarine in dogs (Ger))



COUNTRY : Hungary  
CATEGORY : Microbiology  
ARE. JOUR. : Ref Zhur-Biologiya, No.4, 1959, No.14845  
AUTHOR : Takacs, Janos; Juhasz, Balazs  
INST. :  
TITLE : Study of Properties of Staphylococcal Strains  
with Special Reference to Strains Isolated in  
Food Poisoning.  
ORIG. PUB. : Elelm. ipar, 1957, 11, No.3-4, 82-86  
ABSTRACT : No abstract

CARD: 1/1

JUHASZ, Belasz; SZEMEDI, Bela

~~SECRET~~  
Determination of the ammonia content of the blood. Kiserletes orvostud.  
10 no.1:103-108 Feb 58.

1. Agrartudomanyi Egyetem Elettani Intezet, Budapest---Godollo.  
(AMMONIA, in blood  
determ. by microdiffusion & photometry (Hun))

JUHASZ, Balazs, dr., egyetemi docens, az allatorvostudományok kandidátusa  
(Budapest)

Control of lactation. Term tud kowl 5 no.6:267-269 Je '61.

JUHASZ, Balazs; GERTNER, Mihaly; SZEGEDI, Bela

Studies on the fine mechanisms of the function of Oddi's sphincter.  
Kiserletes orvostud. 13 no.2:215-221 My '61.

1. Debreceni Mezogazdasagi Akademia es Godolloi Agrartudomanyi  
Egyetem Allatbonctani es Eletteni Tanszeke.  
(BILE DUCTS)

HUNGARY

JUNASZ, E., of the State Institute for Veterinary Hygiene (Director: KOTAR, T.) Department of Toxicology and Drug Control [Original versions not given].

"Effect of Hunger on the Ammonium Content and pH of Rumen Fluid as Well as on the Urea-, Cholesterol- and Sugar Concentration of Blood"

Budapest, Acta Veterinaria, Vol 12, No 4, 1962; pp 383-395.

Abstract [German article; author's German summary]: The effect of 2-3 days of hunger on the pH and ammonium content of rumen fluid as well as on the urea-N-, total cholesterol- and sugar concentration of blood was investigated in cattle and sheep. On the second day of hunger the urea-N content of blood rises to nearly double the initial value. At the same time the pH of the rumen fluid increases reaching on the 3rd day the value of pH = 8. Likewise, the ammonium-N content of the rumen fluid increases. As these examples indicate, the increase of the blood-urea-N level in the case of hunger is based not on an increase of the internal protein metabolism, but on the increased decomposition of N-containing substances in the rumen. At the same time that the

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HUNGARY

JUHASZ, E.; SZEGEDI, B.; GERTNER, M.; Higher Agricultural School (Mezőgazdasági Főiskola), Debrecen, and University for Agrar Sciences (Agrártudományi Egyetem), Godollo; Department of Animal Anatomy and Physiology (Állatbonctani és Élettani Tanszék)

"The Effect of Ganglion Paralyzers and other Neurotoxic Compounds on Biliary Function."

Budapest, Kiserletes Orvostudomány, Vol XIV, No 6, 1962, pages 572-580.

Abstract: [Authors' summary modified] Tetraethylammonium-bromide, Hexamethonium-iodide, Tris-(dimethylaminoethyl)amine, d-Tubocurarin, Largacil and Pilocarpin were studied by the authors as to their effect on the blood pressure, tone and motility of the gall bladder and of the intestines and on the function of the Oddi-sphincter. The results are reported in detail.

[10 Hungarian, 14 Western references]

JUHASZ, B.; SZEGEDI, B.; GERTNER, M.

Effects of ganglion-blocking and other nervous system influencing agents on the function of the biliary tract. Acta physiol. acad. sci. hung. 21 no.3:225-234 '62.

1. Central Veterinary Laboratory, Budapest.

(TETRAETHYLAMMONIUM COMPOUNDS) (HEXAMETHONIUM COMPOUNDS)  
(GANGLIONIC-BLOCKING AGENTS) (TUBOCURARINE) (CHLORPROMAZINE)  
(PILOCARPINE) (BILIARY TRACT)

HUNGARY

JUHASZ, Balazs, Dr, candidate of veterinary medicine; National Institute of Animal Health (Orszagos Allatorvossegugyi Intezet) (director: KALAP, Tibor, Dr, candidate of veterinary medicine).

"Nitrogen Cycle in Ruminants."

Budapest, Magyar Allatorvosok Lapja, Vol 18, No 1, Jan 63, pp 30-32.

Abstract: [Author's English summary modified] By means of analyses carried out on the blood and the contents of the rumen of suitably prepared sheep, the author has shown that the ammonia which is liberated from protein in the rumen is used by microorganisms to an extent of one-fifth of the total, the rest being absorbed and transformed into urea in the liver. Blood urea, on the other hand, diffuses back into the rumen where it appears as ammonia. This diffusion is a function of the concentration in the blood. The total daily amount of ammonia nitrogen which diffuses back to the rumen from the blood is 5-10 times the amount of the nitrogen which returns to the rumen with the saliva. Of 15 references, 3 are Hungarian, the rest is Western.

1/1



... TAKACS, Janos, dr., szakallatorvos; JUHASZ, Balazs, dr., az allatorvosi  
tudomanyok doktora

Investigations of the properties of Staphylococcus strains with  
special regard to the strains isolated from food poisoning.  
Elelm ipar 11 no.3/4:82-86 Je-J1 '57.

Enterotoxins of Staphylococci and their detection. 117-124

1. Budapesti Husipari Allatorvosi Ellenorzo Szolgalat Elelmiszer-  
vizsgalo es Bakteriologiai Laboratoriuma.

JUHASZ, Balazs, az allatorvostudomanyok kandidatusa

Itinerant meeting of the Hungarian Physiological Society.  
Magy tud 70 no.12:835-836 D'63.

1. Orszagos Allategeszsegugyi Intezet osztalyvezetoje.

JUHASZ, B.

Endogenous nitrogen cycle in ruminants. Acta vet. Acad. sci.  
Hung. 15 no.1:25-34 '65

1. Department of Toxicology and Drug Control, Central Veterinary  
Institute (Directors: T. Kadar), Budapest.

JURASZ, B.

The action of ammonia on rumen motility. Acta vet. Acad. Sci.  
Hung. 15 no.3:317-333 '65.

1. Veterinärmedizinisches Zentralinstitut (Dir.: T. Kadar),  
Budapest.

JUHASZ, Bela; SZABO, Istvan

Analysis of coal grain distribution. Veszprem vegyip egy koal  
4 no.4:333-334 '60.

1. Veszprem Vegyipari Egyetem Asvanyolaj- es Szantechmologia  
Tanszek es Pecsai Hozomai.

JUHASZ, Belane

Telecommunication fair in Bucharest. Hir techn 15 no. 3:90-91 Mr  
'64.

JORDAN, ~~Emre~~; JUHASZ, ~~Dezso~~

Vacuum cleaner operating with compressed air. Vasut 12  
no. 1:8 30 Ja '62.

ALMASSY, Gyorgy, dr.; BOROMISZA, Gyula; FERENCZY, Jeno; HAAS, Andras; JUHASZ, Endre; KEMENY, Tamas; KOVACS, Ivan; LESZTAR, Jozsef; LUKACS, Gyula, dr.; PETIK, Ferenc; SZLAVIK, Ferenc; SZOMBATHY, Emil, dr.; TARNAY, Kalman, dr.

Lectures delivered at the 3d International Measurement Conference.  
Meres automat 12 no.9:270-292 '64.

1. Editorial board member, "Meres es Automatika" (for Almasy, Boromisza, Juhasz, Kemeny, Lukacs and Tarnay).



JUHÁSZ, E. 1951

(Pharma. Inst. U. of Budapest)

"Attempts at Elucidation of the Role of the Eosinophil Cells."

Acta Physiol (Budapest), 1951 2/1 suppl (19)  
No abstr. in #Exc. Med.

JUHASZ, E.

HUNGARY/Analytical Chemistry - General Questions.

E-1

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24688

Author : Juhasz, E.

Inst : Hungarian Academy of Sciences.

Title : Amperometric Titration with Alternating Current.

Orig Pub : Acta chim. Acad. sci. hung., 1956, 9, No 1-4, 145-151

Abstract : The procedure of amperometric titration with alternating current which was recently described by Frank (RZhKhim, 1955, 55298) has been improved and various factors which affect the sensitivity of the titration have been studied. The measuring device utilized in the experiments consisted of an alternating current generator (which made it possible to vary the frequency from 20 to 20 000 hertz), connected to the measuring cell over a variable resistance (0.1 - 10 M-ohm), connected in series with the cell, and

Card 1/3

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HUNGARY/Analytical Chemistry - General Questions.

E-1

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24688

"APPROVED FOR RELEASE: 08/10/2001" CIA-RDP86-00513R000619710014-2

a vacuum-tube voltmeter connected in parallel with the cell. The Pt-electrodes of the cell were made vibratory. The measuring device made it possible to pass through the cell alternating current of desired constant intensity and to measure the slightest variations of polarization voltage at the electrodes. The experiments revealed that depolarizing action of alternating current increases with decreasing frequency of the current and that concurrently therewith an increase takes place in the sensitivity of determination of the end point. In the course thereof it became apparent that amperometric titration takes place most satisfactorily on utilization of industrial alternating current with a frequency of 50 hertz. At this frequency and with a suitably selected current intensity (of the order of 0.1 ma) the voltage variation at the electrodes amounts to 50-100 mv (provision of a vacuum-tube voltmeter of this sensitivity involves no difficulties

Card 2/3

HUNGARY/Analytical Chemistry - General Questions.

E-1

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24688

Juhász E.

Geiger-Müller counters with cathodes consisting of the  
 alkali and alkali halide. E. Juhász and Z. Dörnyei  
 (Physics, Univ. Budapest, Hung.). *Proceedings of the 10th  
 Int. Conf. on Phenomena in Ionized Gases*, 1965, p. 203-4 (1965) (in German).  $\text{SnO}_2\text{-SiO}_2$  cathodes are not  
 attacked by halogens and are, therefore, especially suitable  
 for counters containing halogen as extinction gas. A series of  
 counters containing  $\text{Br}_2$  was produced and tested. The plateau  
 length does not vary with the  $\text{Br}_2$  concn., the plateau steep-  
 ness having a min. The relative sensitivity increases  
 strongly with decreasing  $\text{Br}_2$  concn. Counters with a suit-  
 able  $\text{Br}_2$  concn. are highly sufficient for chem. purposes.

Kurt Mauer

JUHASZ, E.; DEMJEN, Z.

Chemical problems of the structure of halogen-filled Geiger-Muller counters for chemical measurements. In German. p. 269.

PERIODICA POLYTECHNICA. CHEMICAL ENGINEERING. (Budapesti Muszaki Egyetem.) Budapest, Hungary. Vol. 2, no. 4, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2/<sup>July</sup> 1959.

Uncl.

JUHASZ, E.; TARNAY, K.

Theory of concentration determination by high frequencies. In English.  
p. 275.

PERIODICA POLYTECHNICA. CHEMICAL ENGINEERING. (Budapesti Muszaki Egyetem.)  
Budapest, Hungary, Vol. 2, no. 4, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, <sup>July</sup> 1959.

Uncl.

HALASZ, Anna; JUHASZ, Etelka

Activity changes of nisin affected by heat and irradiation.  
Elelm ipar 17 no.5:160-164 My '63.

1. Budapesti Muszaki Egyetem Elelmiszerkemiai Tanszeke.

JUHASZ, Ferenc

Experiments in constructing dwellings with large panels at Pecs.  
Pecsi musz szeml 5 no.4:7-9 O-D '60.

JUHASZ, Ferenc

Animal farm buildings made of lightweight concrete panels in  
Baranya County. Pecs1 musz szeml 6 no.1:6-12 Ja-Mr '61.



JUHASZ, Ferenc

Farm buildings made of lightweight concrete panels for keeping animals.  
Magy ep ip 10 no.2:90-93 '61.

JUHASZ, György

Cultural workers of the construction industry for the successful work competitions. Munka 5 no.3:50-51 Mr '55.

JUHASZ, G.

JUHASZ, G.

"Preservation of Undercarriages", P. 12. (REFULES, Vol. 6, (i.e. 7),  
June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAI), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

JUHASZ, G.

"From Cloud to Cloud," p. 17, (REPULES, Vol. 7, No. 16, Aug. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

JUHASZ, GY.

Use of gas welding in joining the plates of welded floats. p. 208.

Vol 2, no. 7, July 1955. JARMUVEK MEZOGAZDASAGI GEPEK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

JUHASZ, Gyorgy

Dissemination of technical knowledge at the Ozd Metallurgical Works. Munka 12 no.1:25 Ja '62.

1. Ozdi Kohaszati Uzemek szb. kulturalis bizottsaganak vezo-  
toje.

PATAKY, Jozsef, dr.; DENES, Laszlo, dr.; JUHASZ, Gyorgy, dr.;  
LUSZTIG, Gabor, dr.

On the possibilities of dextran therapy of senile atherosclerosis. Magy. belorv. arch. 16 no.2:85-89 My '63.

1. Bacs-Kiskan Megyei Tanacs Korhaza Rendelointezete Halosztalya,  
Idegosztalya, Prosecturaja es a Szocialis Otthon,  
(ARTERIOSCLEROSIS) (DEXTRAN) (PLACEBOS)  
(CEREBRAL ARTERIOSCLEROSIS) (CORONARY DISEASE)

JUHASZ		21	
<p>Determination of the dew point of combustion gases from Hungarian coals. Istvan Juhasz, Budapest, Hungary. <i>Lapok</i> 71, 203-70 (1938). A knowledge of the dew point is important because of its relation to corrosion. In combustion gases from Hungarian coals contg. less than 2% S the dew point practically depends only on the partial pressure of water vapor. On the basis of an elementary analysis the vapor content is detd. both theoretically and exper. In the combustion gases. Also the heating value of the ash-free coal, the excess air used and its moisture content are calcd. From these values and the water-tension curve the dew-point diagrams are derived.</p> <p>S. S. de Pinay</p>			
<p>ASB-35A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>FROM: 1710117A</p>			
<p>TO: 1710117A</p>			
<p>1710117A</p>			



JUHASZ, I.		PROCESS AND PROPERTIES INDEX	
CA		21	
<p>The determination of the heat losses in flue gases, with special consideration of heating with Hungarian coals. István Juhasz. <i>Magyar Ábránd-Epítőmérnök Közlöny</i> 79, 67-68(1941).--The physical loss of heat in flue gases is equal to <math>\phi(h - h_1)/h</math>, where <math>h_1</math> is the temp. of flue gas, <math>h</math> the temp. of combustion air supplied to the furnace, and <math>\phi</math> and <math>\psi</math> are empirical factors depending on the compn. of flue gases and the compn. of coal; <math>h = (CO_2 + CO + CH_4 + (R/5.35))</math>, in which <math>CO_2</math>, etc., are the respective percentage contents in the flue gases and <math>R</math> is carbon content (soot and coal dust). In Hungarian coals the value of <math>h</math> is 5-10. The numerical values of <math>\phi</math> have been calcd. for each <math>h</math> value and for each special type of Hungarian coal and the results are published in a table to make the calcn. easier. Heat loss due to combustible components in the flue gas is <math>(\psi/h)(CO + 2.79CH_4 + 0.84H_2 + 0.265R)</math>, where <math>R</math> is carbon content, <math>\psi = 1.885 \times 10^4 (C_0/F)</math>, <math>h = CO_2 + CO + CH_4 + (R/5.35)</math>; <math>C_0</math> is the total carbon content of coal, <math>F</math> the heating value. Heat loss due to superheating of water vapor is <math>0.0184 \phi (h - h_1)/CO_2</math>, where <math>\phi</math> is the relative humidity of air. In practice, this loss is less than 1.0%. S. S. de F.</p>			
<p>ASM-AIA METALLURGICAL LITERATURE CLASSIFICATION</p>			

JUHÁSZ, I.

Construction principle of steam boilers for burning Hungarian brown coal, p. 176, MAGYAR ENERGIAGAZDASAG, (Energiagazdalkodási Tudományos Egyesület) Budapest, Vol. 9, No. 5, May 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

HUNGARY

GCMORI, Pal, Dr, JUHASZ, Istvan, Dr, TAKACSY-NAGY, Lorant, Dr, (VAJDA, Vera, VERES, F., Anna, technical assistants); Medical University of Budapest, II. Medical Clinic (Budapesti Orvostudományi Egyetem, II. Belklinika).

"Data on the Pathomechanism of Shock-Kidney I. The Effect of Tourniquet (Ischaemic) Shock on the Glomerular Filtration and Tubular Function."

Budapest, Orvosi Hetilap, Vol 104, No 39, 29 Sep 63, pages 1829-1831.

Abstract: [Authors' Hungarian summary] Tourniquet (ischaemic) shock has been applied to white rats and the glomerular filtration tested by Sellers' method. The experiments show that the glomerular filtration rate decreased significantly but to a variable degree in a number of the rats tested. 7 Hungarian, 16 Western references.

SZENTKERESZTY, Bela, dr.; SCHNITZLER, Jozsef, dr.; MATUS, Laszlo, dr.;  
CZAKO, Zoltan, dr.; JUHASZ, Istvan, dr.; GONCZI, Laszlo, dr.

Surgical treatment of pulmonary echinococcosis. Orv. hetil.  
104 no.47:2219-2224 24 N '63.

1. Dabreceni Orvostudományi Egyetem, Tbc-klinika, Sebészeti  
Osztály és polgári Járasi Tbc-gondozó Intézet.

(ECHINOCOCCOSIS, PULMONARY) (PNEUMONECTOMY)  
(THORACIC RADIOGRAPHY) (MASS SCREENING TECHNIQS)

GOMORI, P.; JUHASZ, I.; NAGY, L., Takacsi. Technical assistance: VAJDA, Vera; VERES, Anna F.

Data to the pathomechanism of the shock kidney. The effect of tourniquet (ischaemic) shock and temporary renal anoxia on glomerular filtration rate and tubular function in the rat. Acta med. acad. sci. Hung. 20 no.1:57-70 '64.

1. Second department of medicine, University Medical School Budapest.

DENES, Ferenc, fcelado; JUHASZ, Imre

Significance and development of sheep breeding in Hungary. Stat  
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(PLASMA

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C. M. J. Piacza

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